


MATERIAL DECLARATION SHEET



Material Number	H-23-3A			
Product Line	Counting Dial			
Compliance Date	Since Inception			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Materials/ Substances	CASRN If applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. [%]
1	Case	Aluminum Alloy 5052	0.4	Aluminum (Metal)	7429-90-5	95	2.452	2.581
				Magnesium (metal)	7439-95-4	2.8	0.072	
				Copper	7440-50-8	0.1	0.003	
				Iron	7439-89-6	0.4	0.01	
				Silicon	7440-21-3	0.25	0.006	
				Zinc (Metal)	7440-66-6	0.1	0.003	
				Manganese	7439-96-5	1.0	0.026	
		Chromium	7440-47-3	0.35	0.009			
	Plating	0.01	Chromium	7440-47-3	100	0.065	0.065	
2	Rotor	Zinc Alloy Zamak 5	3.3	Aluminum (metal)	7429-90-5	4.0	0.8516	21.29
				Magnesium (metal)	7439-95-4	0.055	0.0117	
				Copper	7440-50-8	0.9	0.1917	
				Iron	7439-89-6	0.04	0.0085	
				Lead	7439-92-1	0.002	0.0004	
				Cadmium	7440-43-9	0.002	0.0004	
				Tin	7440-31-5	0.001	0.0002	
		Zinc	7440-66-6	95.00	20.2255			
	Plating	0.01	Chromium	7440-47-3	100	0.065	0.065	

MATERIAL DECLARATION SHEET



No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Materials/ Substances	CASRN If applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. [%]
3	Lock Lever	Zinc Alloy Zamak 5	2.1	Aluminum (metal)	7429-90-5	4.0	0.5419	13.548
				Magnesium (metal)	7439-95-4	0.055	0.0075	
				Copper	7440-50-8	0.9	0.1219	
				Iron	7439-89-6	0.04	0.0054	
				Lead	7439-92-1	0.002	0.0003	
				Cadmium	7440-43-9	0.002	0.0003	
				Tin	7440-31-5	0.001	0.0001	
				Zinc	7440-66-6	95.00	12.8706	
4	Brake	Zinc Alloy Zamak 5	0.2	Aluminum (metal)	7429-90-5	4.0	0.0516	1.29
				Magnesium (metal)	7439-95-4	0.055	0.00071	
				Copper	7440-50-8	0.9	0.01161	
				Iron	7439-89-6	0.04	0.00051	
				Lead	7439-92-1	0.002	0.00003	
				Cadmium	7440-43-9	0.002	0.00003	
				Tin	7440-31-5	0.001	0.00001	
				Zinc	7440-66-6	95.00	1.2255	
5	Washer	Bronze C5210	0.02	Copper	7440-50-8	91.68	0.1183	0.129
				Tin	7440-31-5	8.167	0.0105	
				Phosphorus	7723-14-0	0.153	0.0002	
6	Gear	POM	0.03	TRIOXANE	110-88-3	96	0.185	0.193
				DIOXOLANE	646-06-0	3	0.006	
				ADDITIVE	---	1	0.002	
7	Knob	Nylon	0.5	Polyamide	32131-17-2	50	1.613	3.226
				Brominated polystyrene	88497-56-7	10	0.323	
				Antimony Oxide	1309-64-4	10	0.323	
				Glass	65997-17-3	30	0.967	

MATERIAL DECLARATION SHEET



8	Dial	PC 2805	0.2	Polycarbonate	25037-45-0	100	1.290	1.29
9	Bottom Cover	Zinc Alloy Zamak 5	8.62	Aluminum (metal)	7429-90-5	4.0	2.225	55.613
				Magnesium (metal)	7439-95-4	0.055	0.031	
				Copper	7440-50-8	0.9	0.5	
				Iron	7439-89-6	0.04	0.022	
				Lead	7439-92-1	0.002	0.001	
				Cadmium	7440-43-9	0.002	0.001	
				Tin	7440-31-5	0.001	0.001	
				Zinc	7440-66-6	95.00	52.832	
10	Number Paint	Ink	0.1	Epoxy resin	24969-06-0	45	0.290	0.645
				Talc	14807-96-6	30	0.194	
				pigment	84632-65-5	15	0.097	
				Carbon black	1333-86-4	3	0.019	
				Diethylene glycol monobutyl ether	112-34-5	7	0.045	
11	Lube	Polysiloxane	0.01	Polysiloxane	9011-19-2	100	0.065	0.065
		Total weight	15.5					

This Document was updated on: 04/29/2026

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.